

**IN THE ABSTRACT:**

Kindly cancel the prior abstract and substitute the following therefore.

**ABSTRACT:**

Binding assays for identifying components that modulate human T1R1 polypeptide-associated taste are disclosed. These assays detect the specific binding of compounds to a human T1R1 polypeptide or the modulation of the specific binding of another compound that specifically binds human T1R1 polypeptide. The binding assays may include the use of detectable labels, e.g., radionuclides, enzymes, fluorophores, and the like. Compounds identified in these binding assays have potential application as T1R1 taste modulators and can be used as additives in compositions for human or animal consumption.